

### NIRT Daily Corn SRS Worksheet

Location: \_\_\_\_\_ Serial #: \_\_\_\_\_ Date: \_\_\_\_\_  
 Operator: \_\_\_\_\_ Temperature: \_\_\_\_\_ R. Humidity \_\_\_\_\_  
 Instrument Constants: "O" \_\_\_\_\_ "P" \_\_\_\_\_

**Protein** **Oil** **Starch**  
 Slope \_\_\_\_\_  
 Intercept \_\_\_\_\_

S R S	Protein					Oil					Starch				
	Value	Run 1	Diff	Repeat	Diff	Value	Run 1	Diff	Repeat	Diff	Value	Run 1	Diff	Repeat	Diff
1															
1															
2															
2															
3															
3															
4															
4															
A v g															

Range of Differences \_\_\_\_\_  
 Maximum Limit 0.50 \_\_\_\_\_ 0.60 \_\_\_\_\_ 1.50

Level I Tolerances (average of 8 results): Protein =  $\pm 0.15$  Oil =  $\pm 0.15$  Starch =  $\pm 0.35$

Transfer bias results to the SRS Bias Log, calculate multi-run averages, and apply tolerances. Adjust intercept constant for a constituent if it is out of tolerance.